File

May 18, 1964

Pacific States Cast Iron Company
c/o Mr. Louis Allen, Chief Engineer
P. O. Box 1219
Provo, Utah

Levins

Dear Mr. Allen:

Re: Boardman Springs.

Thank you for your letter of May 7, 1964.

Following our meeting and reconnaissance of the Boardman Spring area, we discussed the problems of the water users and recommend it be approached from a quantity-source aspect. To determine the flow of water from the numerous sources in the area will require the installation of parshall flumes and the rating of the pipe company diversion structure immediately below U. S. Highway 91. Following are the measuring point locations as discussed during our trip through the area. It is to be noted that no recommended parshall flume sizes are given due to the many comments of the water users as to the amount of water available, which in most cases, in my opinion, exceeds the physical carrying capacity of the present conveyance channels. We are, therefore, leaving this decision to the users as it is directly linked with the expense of purchasing the flumes. The following sites are recommended for your consideration:

CHART OF MEASUREMENT SITES AND RECOMMENDED INSTALLATIONS

		Type of Measuring Device
1.	In the channel immediately below the confluence of cemetery drain and the sand box spring.	Parshall Flume
2.	An estimate of the flow of the small drain southeast of the round house at the northwest of the corner of the Burningham pasture.	
3.	In the Thomas Spring Channel below the tracks and above the olsen house.	Parshall Flume
4.	In the drain channel immediately below the railroad tracks just above the confluence of the drain and Thomas Spring, south of the olsen house.	Parshall Flume
5.	Head gate of the pipe company immediately below Highway 91 across the channel of Boardman Springs.	

6.	In the pipe company ditch just below the cessation of the concrete pipe line.	Parshall Flume
7.	A measurement of the flow of Boardman Springs after all diversions above the Union Pacific tracks before it flumes under the Levee Ditch.	

Attached is a report form to assist in giving us the measurements and facilitate analysis of the data. I have prepared this form on a daily flow bimonthly basis.

I trust this will be satisfactory and will work out if there are any needed revisions or questions please let us know.

Yours very truly,

Donald C. Horseth
DISTRIBUTION ENGINEER

DCN/wh
Enclosure

B.C: Harold Donaldson